California Regional Water Quality Control Board-Los Angeles Region **Contracts and Grants Program**

Project Summary: 03-258-554

Project on Schedule: Yes

03-258-554 Active **Project Number: Project Status:** Grant Manager: RN Veiga

Project Name: Modifying Agricultural Pesticide

Practices to Reduce Loading, Calleguas

Creek Watershed

Project Details

Watershed: Calleguas Creek Watershed **Project Description:** Modifying management practices will be done by 1) developing a baseline data on current agricultural discharges; 2) implementing management practices aimed at pesticides of concern in crop acreages that span different crop types and geographic locations; 3) retesting discharges to measure effectiveness and offer proof that discharges can be reduced; and 4) marketing the results through education and farm organizations' peer advising to reach the widest audience and provide leadership for BMP implementation within the

agricultural community in general.

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Problem Statement: The waters of the Calleguas Creek watershed have been documented to be impaired by a number of agricultural pesticides. Various Best Management Practices (BMPs) exist for pesticide use, but they are rarely implemented on a scale that creates meaningful benefit to the watershed.

Outcomes:

The purpose of this project is to change the habits of a large segment of the agricultural community by demonstrating that modifying management practices can significantly reduce the discharge of pesticides into surface waters from overland runoff, thus reducing impairments in Calleguas Creek.

Contract

Execution Date: 12/15/03 3/31/06 **End Date:**

Contractor

ContractorType: Project Director Project Assistant

Contractor Name: United Water Conservation District Dr. Steven Bachman Name:

Contractor Department:

106 N. 8th Street **Street Address:**

Suite:

City:

Santa Paula

CA 93060-State: **Email Address:** steveb@unitedwater.or Zip:

Funding and Invoices

Funding Source: PRISM **Fund Summary**

\$288,282 **Project Amount:** Award Match

Match Amount: \$68,317 Allocation \$288,282.00 \$68,317.00

> Used \$120,368.64 \$43,624.12 Balance

\$167,913,36 \$24,692.88

Phone Number:

Phone Extension:

Fax Number:

Deliverables

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California Regional Water Quality Control Board-Los Angeles Region Contracts and Grants Program

Project Summary: 03-258-554

Part	Line Item	Description		Date	
Subcontractor will-clustion and avorably-Subcontractor documentation			Due	Receive	Completed
1.2 CEQA Notice and Exemption 421/04 v 2.2 PARP 101 8004 107 4004 Ves 3.1.1 Survey Famon-Crop Representatives 1091804 Ves 3.1.2 Expansion of survey to 6 growers of each major crop 1091804 Ver 3.1.3 Corosalt with professional government agencies 101804 Ver 3.1.4 Develop list of pesticide management practices 11/1804 Ver 3.1.2 Schert 50 field stites 45/1804 12/1804 3.2.1 Schert 50 field stites 81/1804 18/1804 3.2.2 Correlate surface morelf, will wore, and file durins at each field site 81/1804 18/1804 3.2.3 Develop and obtain Property Access Agencients 31/1805 18/1804 18/1804 3.2.4 Obtain GPS coordinates and major surplice formoff, will water, and tile durins 31/1805 18/1804 18/1804 3.2.5 Install Lysineters at each field site 31/1805 18/1804 18/1804 18/1804 18/1804 18/1804 18/1804 18/1804 18/1804 18/1804 <	2.1	QAPP	2/1/04	3/5/04	Yes
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Maintain field logs, Chain of Custody documentation 1/18/07 3.4.3 Analyze samples using EPA methods 8081A & 814A 1/18/07 3.4.4 Analyze laboratory results 1/18/07 3.4.5 Assess the effectiveness of BMPs by comparing results to baseline conditions 1/18/07 3.4.6 Share post-BMP results with professional/government agencies, and farming community; Consult on possible improvements 1/18/07 3.4.7 Submit reports and documentation 1/18/07 3.5.1 Expand effective BMPs to additional acreage (members of Agricultural Committee) 1/18/07 3.5.2 Compile BMP material; Provide to crop representatives, Pesticide Control Advisors 1/18/07 3.5.3 Educational outreach in cooperation with the AWA	3.3.5	Submit reports and Documenation	3/18/06		
3.4.3 Analyze samples using EPA methods 8081A & 814A 3.4.4 Analyze laboratory results 3.4.5 Assess the effectiveness of BMPs by comparing results to baseline conditions 3.4.6 Share post-BMP results with professional/government agencies, and farming community; Consult on possible improvements 3.4.7 Submit reports and documentation 3.5.1 Expand effective BMPs to additional acreage (members of Agricultural Committee) 3.5.2 Compile BMP material; Provide to crop representatives, Pesticide Control Advisors 3.5.3 Educational outreach in cooperation with the AWA 1/18/07	3.4.1	Collect post-BMP samples; Minimum 8 samples per field site	1/18/07		
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3.5.2 Compile BMP material; Provide to crop representatives, Pesticide Control Advisors 1/18/07 3.5.3 Educational outreach in cooperation with the AWA 1/18/07	3.4.7	Submit reports and documentation	1/18/07		
3.5.3 Educational outreach in cooperation with the AWA 1/18/07	3.5.1	Expand effective BMPs to additional acreage (members of Agricultural Committee)	1/18/07		
	3.5.2	Compile BMP material; Provide to crop representatives, Pesticide Control Advisors	1/18/07		
3.5.4 Develop synopsis of study results 1/18/07	3.5.3	Educational outreach in cooperation with the AWA	1/18/07		
	3.5.4	Develop synopsis of study results	1/18/07		

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3.5.5	Distribute synopsis extensively throughout the community	1/18/07
3.5.6	Provide summary materials, presentation, and handouts for further dissemination at seminars and conferences	1/18/07
3.5.7	Plan and implement a series of workshops	1/18/07
3.5.8	Hold quarterly meetings with the Agricultural Committee to present updates of results and receive feedback	1/18/07
3.5.9	Submit reports and documentation	1/18/07
Events		

Date:	6/23/06	Comments:	
Type:	Status report	The contractor has collected baseline data, conducted numerous educational and waiver meetings, and	
Subject:	Status	overseen the implementation of the BMPs. More than 90% of the farmers have cooperated and installed the BMPs.	
Status:			

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